



Memorandum

To: Honorable Mayor Maso and Members of the Frisco City Council

cc: George Purefoy, City Manager
Cissy Sylo, P.E., Director of Engineering Services

From: Elizabeth Metting, P.E., Asst. Director/City Engineer

Date: November 4, 2008

Subject: Consider and act upon adoption of a Resolution authorizing the City Manager to execute a Professional Services Agreement by and between the City of Frisco and Freese and Nichols, Inc., for Construction Contract Administration Services related to Remediation of Existing Eldorado/BNSF Pump Station Deficiencies

Action Requested: City Council consideration and approval of a Resolution authorizing the City Manager to execute a Professional Services Agreement by and between the City of Frisco and Freese and Nichols, Inc. of Fort Worth, Texas, in the amount of \$401,450.00, for Construction Services related to Remediation of Existing Eldorado/BNSF Pump Station Deficiencies.

Background Information: In mid-2007, Freese and Nichols, Inc. (FNI) was hired to design construction plans to repair items found deficient during the construction of the Existing Eldorado/BNSF Pump Station. In August 2008, the City solicited contractors to construct the improvements designed by FNI through competitive sealed proposals. On October 8, 2008, Council awarded the contract to construct the Remediation of Existing Eldorado/BNSF Pump Station Deficiencies to Gracon Construction, Inc. Remediation of the Pump Station is expected to begin shortly along with the need to monitor construction to verify that improvements meet the requirements defined in the plans.

The City's water system is critically important to the health and safety of our citizens. Construction of a key facility in the system that involves complex and interrelated components will require a correspondingly greater level of design and construction expertise. Providing a constructed project that meets the City's needs for a functional facility for the intended design life is very important for the Remediation project. In

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addition, the timing of completion is important to ongoing operations of the City's system, as are cost-effective resolution of construction issues. For these reasons, the Engineering staff requested FNI to provide staff with expertise in the construction of water facilities dedicated to overseeing construction of the existing pump station remediation project.

The Remediation of the Existing Eldorado/BNSF Pump Station will require close monitoring of actual conditions in order to verify that the design assumptions match field conditions. FNI will provide an experienced staff member that will be present on the construction site during the entire construction phase. The construction expertise, familiarity with the plans, and commitment to resolving issues quickly should result in an effective and fully functional project upon completion of construction.

Freese Nichols is a civil and environmental engineering consulting firm with headquarters in Fort Worth and a history of involvement in municipal water supply in Texas that extends back to 1894. The firm employs a number of experts in pump station and pipeline design, as well as structural engineering and construction management. The staff to be assigned to this project has extensive experience in administering and overseeing large and complex construction projects. FNI staff's expertise will augment that of the City staff for the duration of the project, providing additional expertise and availability to expedite construction.

Alternatives: City Council could consider the following alternatives:

- Approval of a Resolution authorizing the City Manager to execute the contract;
- Input towards the discussion as desired;
- Deny approval of the Resolution and send back to staff with direction.

Financial Considerations: Execution of the Professional Services Agreement with Freese and Nichols, Inc. to complete the project costs \$401,450.00. This project will be funded from the 2007 Certificate of Obligation.

Legal Review: The City Attorney's Office has reviewed and approved the Contract Agreement as to form and legality.

Supporting Documents: Supporting documents include the following items:

- Copy of Resolution
- Project Location Map
- Copy of the Professional Services Agreement

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Staff Recommendation: Staff recommends placement of this item on the November 4, 2008 City Council meeting agenda to consider and approve a Resolution authorizing the City Manager to execute a Professional Services Agreement by and between the City of Frisco and Freese and Nichols, Inc. of Fort worth, Texas in the amount of \$401,450.00, for Construction Contract Administration Services related to Remediation of Existing Eldorado/BNSF Pump Station Deficiencies. Staff will be present at the meeting to address the City Council's questions relating to this agenda item.